

**Second Stand Alone Missions Of Opportunity Notice (SALMON-2) Program
Element Appendix (PEA) Q Heliophysics Explorers Mission of Opportunity
Program Library**

Step-2 Change Log

The current version of this document may be found in the Program Library, at <https://explorers.larc.nasa.gov/HPSMEX/MO/programlibrary.html>, by selecting the “[View Step-2 Change Log](#)” link.

Updates to the Program Library are represented in reverse-chronological order. Latest revisions are indicated via **highlighting**.

May 4, 2018: CFR-2014-title2-vol1-sec200-466.pdf posted to [NASA and Federal Documents](#) item “[2 CFR 200.466, “Scholarships and Student Aid Costs”](#) (NOTE: Step-2 addition.)”

April 11, 2018:

2017_LSP_Advisory_Services_Overview_for_2016_Heliophysics_Explorer.pdf reposted as an update to [Program Specific Documents](#) item “29. [2017 LSP Advisory Services Overview](#) (NOTE: Step-2 addition.)”. Typo corrected on title slide.

March 9, 2018: tailored-Class-D-guidance-for-AOs-updated-redact.pdf (dated 12 February 2018) posted as an update to [Program Specific Documents](#) item “34. [Guidance on the Application of NASA Science Mission Directorate \(SMD\) Class-D Tailoring/Streamlining Decision Memorandum \(signed 07 December 2017\) to Currently Active Explorers Program AO Competitions](#) (NOTE: Step-2 addition.)”

March 5, 2018: Explorers-Program-Plan-Signed-2014.09.09_Redacted.pdf posted to [Program Specific Documents](#) item “32. [Explorers Program Plan](#) (NOTE: Step-2 addition.)”

March 5, 2018: tailored-Class-D-guidance-for-AOs-redact.pdf (dated 12 February 2018) posted as [Program Specific Documents](#) item “31. [Guidance on the Application of NASA Science Mission Directorate \(SMD\) Class-D Tailoring/Streamlining Decision Memorandum \(signed \[7\] December 2017\) to Currently Active Explorers Program AO Competitions](#) (NOTE: Step-2 addition.)”

March 5, 2018: SMD-Class-D-Policy-redact.pdf (dated 17 December 2017) posted as [Program Specific Documents](#) item “30. [NASA Science Mission Directorate \(SMD\) Class-D Tailoring/Streamlining Decision Memorandum](#) (NOTE: Step-2 addition.)”

March 5, 2018: 2016-Helio-Explorer-Guidelines-and-Criteria-for-the-Phase-A-Concept-Study-20180226.pdf posted as an update to [Program Specific Documents](#) item “13.

[Guidelines and Criteria for the Phase A Concept Study](#)”, which linked to the revision posted November 13, 2017.

January 2, 2018:

2017_Advisory_Services_Overview_for_2016_Heliophysics_Explorer.pdf posted as Program Specific Documents item “29. [2017 Advisory Services Overview](#) (NOTE: Step-2 addition.)

November 13, 2017: Conflicted_Party_List_(Rev_10-05-17).xlsx posted as Program Specific Documents item “28. [CSR Conflicted Party List](#) (NOTE: Step-2 addition.)

November 13, 2017: 2016-Helio-Explorer-Guidelines-and-Criteria-for-the-Phase-A-Concept-Study-13-Nov-2017.pdf posted as an update to Program Specific Documents item “13. [Guidelines and Criteria for the Phase A Concept Study](#)”, which linked to the version released at the Concept Study Kickoff on August 25, 2017.

November 8, 2017: Added NASA and Federal Documents item “NPD 8610.23C Change 2, [Launch Vehicle Technical Oversight Policy](#) (NOTE: This reference was in effect during Step-1, but was not in the Program Library. Step-2 addition posted on November 8, 2017.)”.

November 1, 2017: Deleted Program Specific Documents item “6. Information on International Space Station Resources, [ISS Capabilities and Payload Accommodations](#)”.

November 1, 2017: Deleted Program Specific Documents item “6. Information on International Space Station Resources, [ISS External Payload Accommodations](#)”.

November 1, 2017: External Payloads Proposer's Guide to ISS---SSP 51071-Baseline.pdf posted as an update to Program Specific Documents item “6. Information on International Space Station Resources, [ISS External Payload Proposer's Guide](#) (NOTE: Revision effective September 29, 2017, published October 2, 2017, posted November 1, 2017.)”.

November 1, 2017: ISSP_JEM-EF_and_ELC_Resource_Utilization_Directive.pdf posted as an update to Program Specific Documents item “6. Information on International Space Station Resources, [ISSP JEM-EF Resource Directive](#) (NOTE: Revision posted November 1, 2017.)”.

November 1, 2017: Proposer ISS Instrument Resource Accommodation Table.docx posted as an update to Program Specific Documents item “6. Information on International Space Station Resources, [Proposer's ISS-Instrument Resource Accommodation Table](#) (NOTE: Revision posted November 1, 2017.)”.

November 1, 2017: Proposer Requested ISS Resource Table.docx posted as an update to Program Specific Documents item “6. Information on International Space Station

Resources, [*Proposer's Requested ISS Resource Table*](#) (NOTE: Revision posted November 1, 2017.)”.

September 28, 2017: 25__IRIS_Example_MDR.pdf posted as Program Specific Documents item “25. Mission Definition Requirements Agreement (MDRA) Example, [*Interface Region Imaging Spectrograph \(IRIS\) Mission Definition Requirements Agreement \(MDRA\)-Level 2 Requirements*](#) (NOTE: Step-2 addition.)”.

September 28, 2017: 26__Juno_with_Belgium.pdf renumbered and reposted as Program Specific Documents item “26. [*Sample Juno Language for the Technical Content of an International Agreement*](#) (NOTE: Step-2 addition.)”.

September 28, 2017: 27__MSL_with_France.pdf renumbered and reposted as Program Specific Documents item “27. [*Sample MSL Language for the Technical Content of an International Agreement*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: 04__Revb08-22-2017SMEXAOMARClassD.pdf posted as an update to Program Specific Documents item “4. EXP-RQMT-0003 Revision B, [*Small EXplorers \(SMEX\) Mission Assurance Requirements \(MAR\), Mission Risk Classification – NPR 7120.5 Class D*](#) (NOTE: Revision dated August 22, 2017.)”, to which document and revision designators were added.

September 12, 2017: Program Specific Documents item “17. Explanatory Guide to SMD E/PO Evaluation Factors” struck through, as it has been superseded by Program Specific Documents item “20. [*Explanatory Guide to the NASA Science Mission Directorate Educational Merit Evaluation Factors for Student Collaboration Elements*](#), version 1.1 (NOTE: References and email addresses in this document are unreliable. For example, the guide does not reflect changes to NASA grant and cooperative regulations reflecting new OMB Uniform Guidance, 2 CFR Part 200, implemented by NASA on December 26, 2014.)”.

September 12, 2017: 20__SMD_SC_Guide_1_120508.pdf posted as Program Specific Documents item “20. [*Explanatory Guide to the NASA Science Mission Directorate Educational Merit Evaluation Factors for Student Collaboration Elements*](#), version 1.1 (NOTE: References and email addresses in this document are unreliable. For example, the guide does not reflect changes to NASA grant and cooperative regulations reflecting new OMB Uniform Guidance, 2 CFR Part 200, implemented by NASA on December 26, 2014.)”.

September 12, 2017:

21__2015_NASA_New_Start_Inflation_Index_for_FY16_Use_Final_Dist.xlsx posted as Program Specific Documents item “21. [*2015 NASA New Start Inflation Index for FY 16 Use*](#) (NOTE: Step-2 addition. In force upon PEA Q release.)”.

September 12, 2017: 22__NuSTAR_PLRA_L1.pdf posted as Program Specific Documents item “22. Program Level Requirements Appendix (PLRA) Example, [*Nuclear*](#)

[*Spectroscopic Telescope Array \(NuSTAR\) Program Level Requirements*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: 23__IBEX_Example_PLRA.pdf posted as Program Specific Documents item “23. Program Level Requirements Appendix (PLRA) Example, [*Interstellar Boundary Explorer \(IBEX\) Project Level Requirements*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: 24__IBEX_Example_MDRA.pdf posted as Program Specific Documents item “24. Mission Definition Requirements Agreement (MDRA) Example, [*Interstellar Boundary Explorer \(IBEX\) Mission Definition Requirements Agreement \(MDRA\)-Level 2 Requirements*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: 25__Juno_with_Belgium.pdf posted as Program Specific Documents item “25. [*Sample Juno Language for the Technical Content of an International Agreement*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: 26__MSL_with_France.pdf posted as Program Specific Documents item”26. [*Sample MSL Language for the Technical Content of an International Agreement*](#) (NOTE: Step-2 addition.)”.

September 12, 2017: N_PR_1600_001A.pdf posted as NASA and Federal Documents item “NPR 1600.1A, [*NASA Security Program Procedural Requirements*](#) (NOTE: Step-2 addition. Program Library reference posted on April 26, 2017 did not specify Revision A, although it has been in force since 2013.)”.

September 12, 2017: N_PR_7120_005E_Change_14.pdf posted as NASA and Federal Documents item “NPR 7120.5E Change 14, [*NASA Space Flight Program and Project Management Requirements*](#)”.

September 12, 2017: N_PR_7123_001B_Change_3.pdf posted as NASA and Federal Documents item “NPR 7123.1B Change 3, [*NASA Systems Engineering Processes and Requirements*](#) (NOTE: Original Program Library reference specified Change 2, although Change 3 has been in force since 2015.)”.

September 12, 2017: N_PR_8000_004A_Change_1.pdf posted as NASA and Federal Documents item “NPR 8000.4A Change 1, [*Risk Management Procedural Requirements*](#) (NOTE: Step-2 addition. Reference posted on April 26, 2017.)”.

September 12, 2017: N_PD_8610_007D_Change_1.pdf posted as NASA and Federal Documents item “NPD 8610.7D Change 1, [*NASA Launch Services Risk Mitigation Policy for NASA Owned or NASA-Sponsored Payloads/Missions*](#)”.

September 12, 2017: N_PR_8705_0004_Change_3.pdf posted as NASA and Federal Documents item “NPR 8705.4 Change 3, [*Risk Classification for NASA Payloads*](#)”.

September 12, 2017: N_PR_8715_006A__Change_1.pdf posted as NASA and Federal Documents item “NPR 8715.6A Change 1, [*NASA Procedural Requirements for Limiting Orbital Debris and Evaluating the Meteoroid and Orbital Debris Environments*](#)”.

September 12, 2017: nasa-std-8719.14__A posted as NASA and Federal Documents item “NASA-STD-8719.14A, [*NASA Process for Limiting Orbital Debris*](#) (NOTE: SALMON-2 and Program Library reference did not specify Revision A, although it has been in force since 2011.)”

September 12, 2017: NASA/SP-2007-6105_Rev_1.pdf posted as NASA and Federal Documents item “NASA/SP-2007-6105 Rev 1, [*NASA Systems Engineering Handbook*](#)”.

September 12, 2017: Titles of documents in “Strategic Documents” and “Program Specific Documents” italicized.

September 12, 2017: Link to Step-2 Change Log added as “[View Step-2 Change Log](#)”. Link to Step-1 Change Log changed to “[View Step-1 Change Log](#)”.

August 25, 2017: 2016HelioExplorerGuidelines-and-Criteria-for-the-PhaseA-Concept-Study_24-Aug-2017.pdf posted as an update to Program Specific Documents item “13. [*Guidelines and Criteria for the Phase A Concept Study*](#)”, which originally linked to the draft version released with SALMON-2 PEA Q.